

**Amendments to the Specification:**

Please amend the Specification as follows:

Please replace the paragraph beginning at Page 12, Line 5 with the following rewritten paragraph:

-- In another embodiment of the present invention, sensor 29 in device 10 (shown in Fig. 1) is configured as an AC magnetic field receiver, which senses an AC magnetic field generated by a plurality of magnetic field transmitters outside the body of the patient. Coils 44, for example, may be configured to serve as the magnetic field transmitters. These transmitters are also referred to as magnetic field generators or radiators, and generate respective AC magnetic fields to define a fixed frame of reference. Position sensors of this type are further described in PCT application PCT/US95/01103, published as WO96/05768 (U.S. Patent Application No. ~~08/793,371~~ 08/293,859 filed ~~May 14, 1997~~ August 19, 1994), whose disclosure is incorporated herein by reference. --

Please replace the paragraph beginning at Page 9, Line 20 with the following rewritten paragraph:

-- Typically, circuitry 25 further comprises a sensor 29, which generates signals that are transmitted by transmitter 28. In some embodiments of the present invention, sensor 29 comprises a position sensor, which generates a position signal indicative of the coordinates of device 10 inside the patient's body. The sensor may comprise a wireless electromagnetic position sensor, as described, for example, in the above-mentioned U.S. Patent 6,239,724, or as described in U.S. Patent Application 10/029,473 ~~10/023,473~~. Alternatively, the sensor may generate the position signal in response to ultrasonic beams directed toward device 10, as described, for example, in U.S. Patent Application 10/029,595. Both of these patent applications are assigned to the assignee of the present patent application, and their

disclosures are incorporated herein by reference. The use and characteristics of position sensors in device 10 are described in further detail hereinbelow with reference to Fig. 3.--

Please replace the paragraph beginning at Page 10, Line 13 with the following rewritten paragraph:

-- Circuitry 25 typically comprises other elements known in the art, which are not shown in the figures for the sake of simplicity. For example, circuitry 25 generally comprises means for providing power to transmitter 28, such as a battery or a receiver circuit, for receiving energy radiated toward device 20 from an external source (not shown). Devices adapted for this sort of battery-less operation are described in the above-mentioned U.S. Patents 6,053,873 and 6,239,724 and in U.S. Patent Application 10/029,473 ~~10/023,473~~. Circuitry 25 may also comprise a receiver, which is coupled to receive interrogation signals from a transmitter outside the body (not shown), and to prompt transmitter 28 to send a response. Other components that may be included in circuitry 25 will be apparent to those skilled in the art.--